

Converting Colors

CIELCh(26, 22.613, 123.487)

Have a look what the booklet for
CIELCh(26, 22.613, 123.487)
contains.

CIELCh(26, 22.589, 123.687)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(26, 22.589, 123.687)

Conversions

Conversions Part 1

Format	Color
Hex	344220
RGB	52, 66, 32
RGB Percent	20%, 26%, 13%
CMY	0.7957, 0.7408, 0.8741
CMYK	0.21, 0.00, 0.51, 0.74
HSL	85°, 35%, 19%
HSV	85°, 51%, 26%
XYZ	3.6381, 4.7465, 2.0980
YIQ	57.9380, 2.5700, -13.5420

Conversions

Conversions Part 2

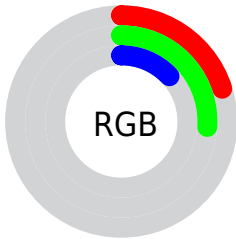
Format	Color
RYB	32, 66, 46
Decimal	3424800
CIELab	26.00, -12.53, 18.80
CIELCh	26, 22.589, 123.687
Yxy	4.7465, 0.3471, 0.4528
Android (android.graphics.Color)	4281614880 (0xFF344220)
YUV	57.9380, -12.7874, -5.2076
Hunter-Lab	21.7865, -8.3192, 9.5411

Details

The CIELCh color **26, 22.589, 123.687** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **16, 24.492, 308.599**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 22.607, 124.146**, and **6, 14.660, 143.556** is the 20% darker color. If you saturate the color by 10%, you get **26, 26.644, 123.339**, and if you desaturate by 10%, it is **26, 18.347, 124.103**.

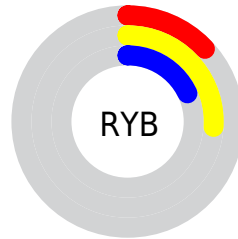
Distribution



Red (20%)

Green (26%)

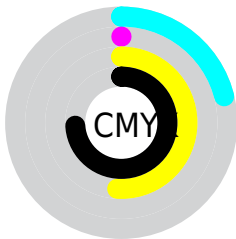
Blue (13%)



Red (13%)

Yellow (26%)

Blue (18%)

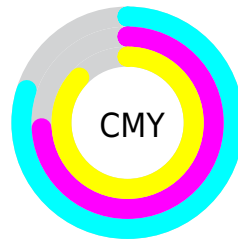


Cyan (21%)

Magenta (0%)

Yellow (51%)

Black (74%)



Cyan (80%)


Magenta (74%)

Yellow (87%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 26, 22.589, 123.687 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 26, 22.589, 123.687 by changing the saturation by 10% instead.

 26, 22.589,
123.687


 26, 22.589,
123.687

 100, 22.589,
123.687


 16, 22.589,
123.687


 46, 22.589,
123.687

 6, 22.589, 123.687

 56, 22.589,
123.687

 0, 22.589, 123.687

 66, 22.589,
123.687

 76, 22.589,
123.687

 86, 22.589,
123.687

 96, 22.589,

123.687

■ 26, 22.589,
123.687

■ 26, 22.589,
123.687

■ 26, 26.644,
123.339

■ 26, 18.347,
124.103

■ 25, 30.412,
123.104

■ 27, 13.987,
124.548

■ 25, 33.766,
123.052

■ 27, 9.560, 125.001

■ 25, 36.717,
123.167

■ 28, 5.102, 125.449

■ 28, 0.639, 125.931

■ 25, 39.231,
123.240

■ 28, 3.810, 306.261

■ 29, 8.231, 306.645

■ 29, 12.613,
306.998

■ 30, 16.949,
307.324

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



26, 22.589, 123.687



16, 24.492, 308.599

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26, 22.589, 123.687



26, 22.589, 173.687



26, 22.589, 303.687



26, 22.589, 353.687

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



26, 22.590, 123.689



36, 8.381, 125.262



21, 14.469, 59.465



17, 5.628, 125.224



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26, 22.590, 123.689



34, 33.507, 123.247



25, 26.002, 138.686



13, 2.485, 125.578



37, 51.734, 123.807



81, 96.371, 125.027

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



16, 24.492, 308.599



18, 37.257, 309.369



18, 26.160, 323.825



11, 2.518, 306.285



11, 62.123, 310.762



33, 115.602, 309.944

Previews

White Background



This preview shows how the CIELCh color 26, 22.589, 123.687 looks on a white background.

Color Contrast Check

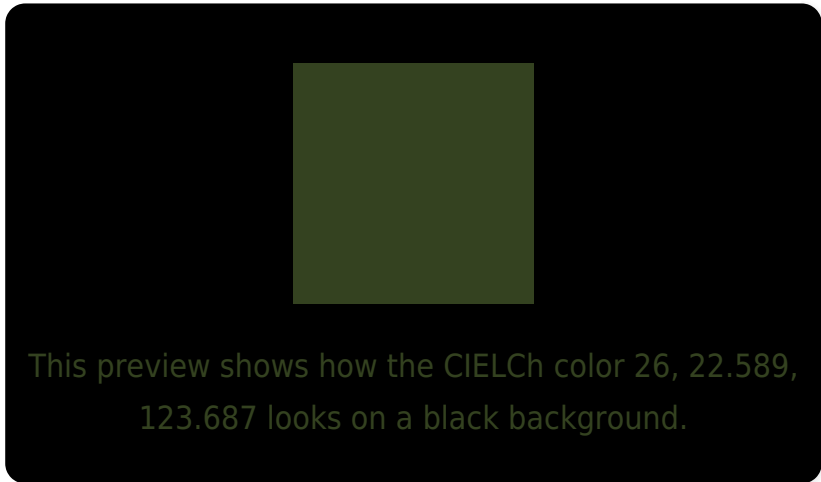
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

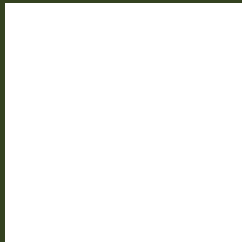
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 26, 22.589, 123.687

Background



This preview shows how black text looks on a background with the CIELCh color 26, 22.589, 123.687.



This preview shows how white text looks on a background with the CIELCh color 26, 22.589, 123.687.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

26, 22.589, 123.687

Protanopia

26, 20.036, 97.082

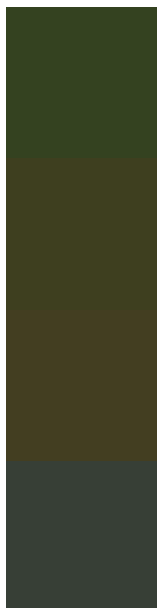
Deuteranopia

26, 18.385, 79.708



Tritanopia
26, 3.873, 257.228

Trichromacy



Original Color
26, 22.589, 123.687

Protanomaly
26, 20.331, 107.392

Deuteranomaly
26, 18.750, 98.380

Tritanomaly
26, 6.966, 140.766

Monochromacy



Original Color
26, 22.589, 123.687

Achromatopsia
24, 0.004, 296.813

Achromatomaly
25, 8.210, 125.277

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 22.589, 123.687 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(52, 66, 32)` looks like.

```
.text, #text, p{  
    color:rgb(52, 66, 32)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(52, 66, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 66, 32) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 22.589, 123.687 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(52, 66, 32) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(52, 66, 32) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(52, 66, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 66, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 66, 32);  
box-shadow:4px 4px 4px 4px rgb(52, 66, 32)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 22.589, 123.687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 66, 32) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(52, 66,  
32) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor